

14. Process according to Claim 11, characterized in that an intermediate resolution is allocated to all the pixels of the first zone which are located in the mixed block.

15 15. Process according to Claim 13, characterized in that the intermediate resolution of each pixel of the first zone is a linear function of the distance of this pixel from the second zone.

10 16. Process according to Claim 14, characterized in that the intermediate resolution of each pixel of the first zone is a linear function of the distance of this pixel from the second zone.

15 17. Process according to Claim 11, characterized in that, for the detection of the mixed blocks, use is made of a mask (66) reproducing the shape of the zones in such a way as to associate the pixels of the image with a zone and to determine the resolution applied to these pixels and in that this mask is modified by allocating values ($v''(i,j)$) lying between the mask values (1) defining a zone of interest and the mask values (0) defining a background zone to the pixels ($P(i,j)$) of the mixed blocks.

20 18. Process according to Claim 17, characterized in that a coefficient $A(i,j)$ calculated according to the formula

$$A(i,j) = (PQ/c) + v''(i,j),$$

25 is allocated to any pixel ($P(i,j)$) situated at a row i and at a column j , where c is a constant and $v''(i,j)$ is the mask value allocated to the pixel $P(i,j)$ by this mask, the resolution $N(i,j)$ of each pixel ($P(i,j)$) of a mixed block then being equal to:

$$N(i,j) = A(i,j).Z_{in}(i,j) + (1 - A(i,j)).(Z_{fd}(i,j))$$

30 where $Z_{fd}(i,j)$ represents the resolution allocated to the background zone where this pixel $P(i,j)$ was located and $Z_{in}(i,j)$ represents the resolution allocated to the zone of interest neighbouring this background zone.

19. Image, of the MPEG type, from blockwise coding,
which image is obtained by a coding process according to claim
1.

20. Coded digital video signal of an image, which
5 signal is obtained with the aid of a process according to Claim
1.